



February 11, 2009

PASCAL ENGINEERING LLC
JAMES PASCHAL
7345 MERRITT RD
YPSILANTI MI 48197

AQUATHERM,GmbH
ULRICH HOEFFER
BIGGEN 5 D-57439
ATTENDORN
GERMANY

Re: Description: PIPES AND FITTINGS, POLYPROPYLENE
Manufacturer: AQUATHERM,GmbH
Product Name: POLYPROPYLENE PIPE AND FITTINGS
Model Number(s): AQUATHERM GREENPIPE,FUSIOTHERM,FASER SDR 7.4 & 6
COLD WATER USE ONLY SDR 11
Product File No: 20080337

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. Comm 84.30(4) & Table 84.30-8 based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of February 2014.

This alternate approval is contingent upon compliance with the following stipulation(s):

- Approved training by Manufacture must be completed before Plumbing Contractor can install this material
- This product is approved for Water Distribution
 - a. Above ground
 - b. Below ground
- This product is approved for water service.
 - a. Below ground
- Maximum allowable load tables are found in attachments A,B&C
- This product shall be installed in accordance to manufacture's specifications.
- **SDR 11 IS FOR COLD WATER USE ONLY**
- Additional information is included as attachment(s) to this letter; see attachment A, B and C.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

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Sincerely,

Jerry Thompson

Plumbing Product Reviewer

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